


Anti-HIP1R antibody ab226197

[2 References](#) [2 Images](#)

Overview

Product name	Anti-HIP1R antibody
Description	Rabbit polyclonal to HIP1R
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Sheep, Rabbit, Horse, Cow, Cat, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Giant Panda 
Immunogen	Synthetic peptide within Human HIP1R aa 300-350. The exact sequence is proprietary. Database link: O75146
Positive control	WB: HeLa, HEK-293T and Jurkat whole cell lysate (ab7899). IP: HEK-293T whole cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate pH 7 to 8
Purity	Immunogen affinity purified
Purification notes	ab226197 was affinity purified using an epitope specific to HIP1R immobilized on solid support.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab226197 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 70,119 kDa.
IP		Use at 2-10 µg/mg of lysate.

Target

Function

Component of clathrin-coated pits and vesicles, that may link the endocytic machinery to the actin cytoskeleton. Binds 3-phosphoinositides (via ENTH domain). May act through the ENTH domain to promote cell survival by stabilizing receptor tyrosine kinases following ligand-induced endocytosis.

Tissue specificity

Brain, heart, kidney, pancreas, and liver, but not in lung or placenta.

Sequence similarities

Belongs to the SLA2 family.
Contains 1 ENTH (epsin N-terminal homology) domain.
Contains 1 ILWEQ domain.

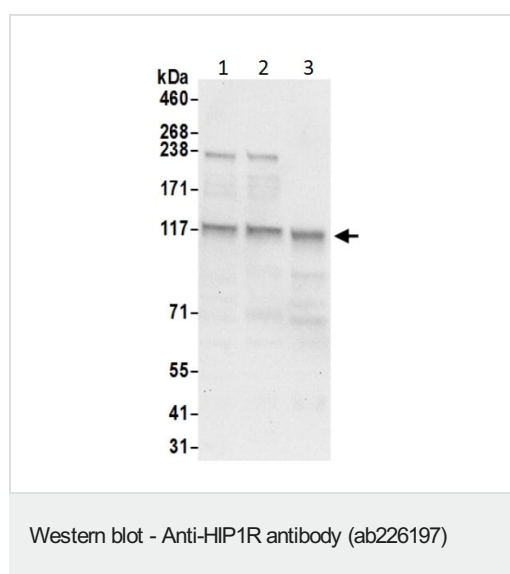
Domain

Binds F-actin via the talin-like ILWEQ domain.

Cellular localization

Cytoplasm > perinuclear region. Endomembrane system. Cytoplasmic vesicle > clathrin-coated vesicle membrane. Membrane-associated protein, mainly localized at the endocytic compartments and in the perinuclear region.

Images



All lanes : Anti-HIP1R antibody (ab226197) at 0.1 µg/ml

Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lane 2 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lane 3 : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate

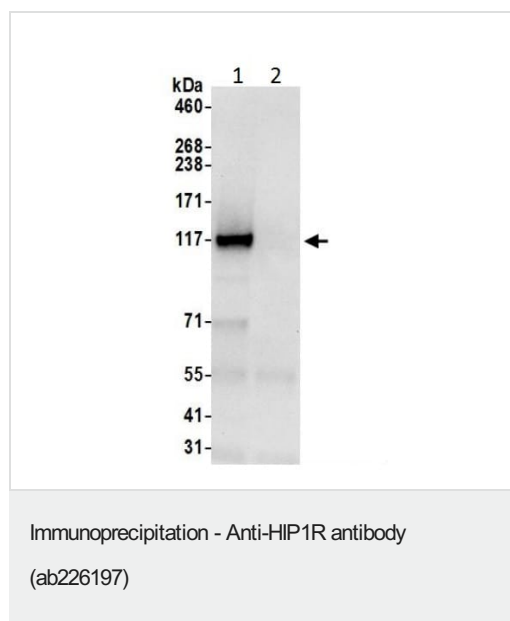
Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 70,119 kDa

Exposure time: 10 seconds

Cell lysates were prepared using NETN lysis buffer.



HIP1R was immunoprecipitated from HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate (20% of IP loaded) with ab226197 at 6 µg per reaction. Western blot was performed from the immunoprecipitate using ab226197 at 0.4 µg/ml.

Lane 1: ab226197 IP in HEK-293T whole cell lysate.

Lane 2: Control IgG IP in HEK-293T whole cell lysate.

Detection: Chemiluminescence with exposure time of 10 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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